

Memo to the File re: SWRCB Phase I SED EPA Comment Letter 03 26 13

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I generated the Figure displayed on Page 4 and the following explains how it was calculated:

I utilized the values reported in the Draft SED to show flows at Vernalis as the translation of what 35% UF in the tributaries would mean for flows in the lower watershed where not readily apparent in the document. The last major change to the flow requirements in the Bay-Delta Water Quality Control Plan were in 1995 so I used the time frame from then until the last date in the SED dataset which was 2009. The median of observed and predicted flows under the 35% UF alternative were calculated from 1995 to the date of last available data in the SED. This was 2009 for the observed data and 2003 for the predicted data. The median of the observed flows is 31.0%, whereas the median of predicted flows under the 35% UF alternative is 32.8%.

The flow and unimpaired flow at Vernalis from Tables 2.6 and 2.5 on pp. 2-17 and 2-16 in Appendix C of the SED. The values for the modeled (i.e. predicted) flows at Vernalis under the proposed 35% UF scenario were obtained from column MG in the “Alt%WSEResults” tab in the spreadsheet titled “WSE_Model_12312012” which was provided along with the SED for public comment and is available at:

http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/bay_delta_plan/water_quality_control_planning/2012_sed/docs/wse_model_econoutput_12312012.zip;

last accessed 03/13/13.

